



Kentucky Agricultural Statistics Service  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

*LELAND E. BROWN, State Statistician*

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JMB 34-01

This is the last issue of the 2001 Weekly Crop Weather Report. We thank and are most appreciative of the many farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Tom Priddy and the U.K. Ag Weather Center for supplying the weather data for this report. Also, thanks to the agricultural news media for the professional manner in which they distribute agricultural news across the State. Publication of the 2002 series will begin about the first week of April.

**AGRICULTURAL NEWS:** The week was favorable for harvesting with temperatures above normal, and no rain received throughout the State. This was the second week in a row with very dry conditions. Primary farm activities included harvesting soybeans, and stripping tobacco.

**Topsoil moisture** as of Friday, November 9 was rated 13 percent very short, 27 percent short, 56 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 15 percent very short, 29 percent short, 54 percent adequate, and 2 percent surplus. **Days suitable for fieldwork** averaged 5.8 out of a possible 6 days.

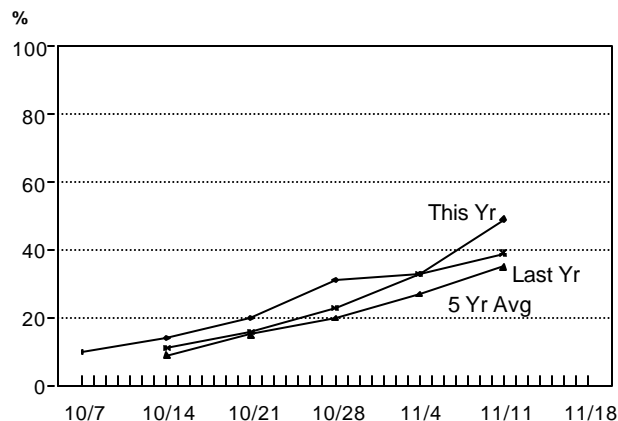
**TOBACCO:** As of Sunday, November 11, **burley tobacco** was 49 percent stripped. This was ahead of last year's 39 percent, and the five-year average of 35 percent. Tobacco stripping continued throughout the week. Some tobacco stripping has come to a halt, especially in eastern Kentucky, due to dry conditions. Condition of the stripped tobacco was reported as 1 percent very poor, 3 percent poor, 25 percent fair, 43 percent good, and 28 percent excellent. All thirty-two burley tobacco receiving stations are now open. Burley tobacco auction sales began November 13th, a week earlier than the normal beginning on the Monday before Thanksgiving. However, this was nearly two weeks later than the first deliveries on October 29th of contracted tobacco to receiving stations. Early deliveries consisted of both last year's, and this year's tobacco crops. Contract centers received 34 million pounds through the period ending November 8, averaging \$198.97 per hundred pounds.

**CORN:** Virtually all of the corn crop was harvested (99 percent) as of Sunday, November 11. This compares with last year's 100 percent, and the five-year average of 96 percent.

**SOYBEANS:** Ninety-six percent of the State's soybeans were harvested as of Sunday, November 11. This was ahead of last year's 92 percent. The five-year average for soybeans harvested was 83 percent.

**OTHER CROPS:** **Winter wheat** seeding was 96 percent complete as of Sunday, November 11. This was ahead of last year's 86 percent, and the five-year average of 90 percent. The emerged crop was rated at 2 percent poor, 21 percent fair, 63 percent good, and 14 percent excellent. There are several parts of the State that need rain for wheat growth. **Pasture** condition was rated as 15 percent very poor, 25 percent poor, 25 percent fair, 25 percent good, and 10 percent excellent. Farmers throughout Kentucky need rain to maintain their pastures for the winter.

BURLEY TOBACCO PERCENT STRIPPED



**KENTUCKY CROP PROGRESS**  
WEEK ENDING NOVEMBER 11, 2001  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	Previous Week U.S.
Percentage					
Soybeans					
Harvested	96	92	83	85	90
Burley Tobacco					
Stripped	49	39	35	33	NA
Wheat Seeded	96	86	90	83	94

(NA) Data Not Available.

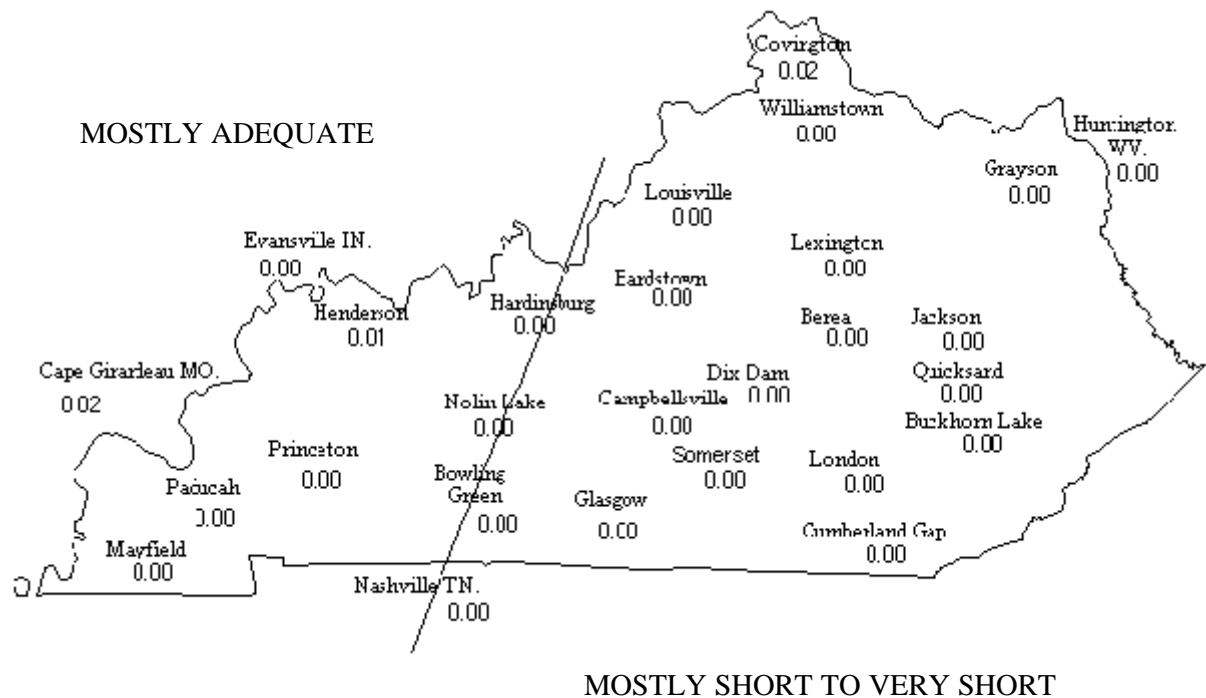
**SOIL MOISTURE**  
WEEK ENDING NOVEMBER 9, 2001  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	13	11
Short	27	22
Adequate	56	57
Surplus	4	10
<b>SUBSOIL</b>		
Very Short	15	13
Short	29	29
Adequate	54	51
Surplus	2	7

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING NOVEMBER 9, 2001					WEEK ENDING NOVEMBER 2, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Emerged Wheat	0	2	21	63	14	0	3	13	72	12
Pasture	15	25	25	25	10	5	16	30	41	8
Quality of Stripped Tobacco	1	3	25	43	28	1	3	27	53	16

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, NOVEMBER 11, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, NOVEMBER 9, 2001**



**KENTUCKY WEATHER SUMMARY, NOVEMBER 5 - 11, 2001:****ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Temperatures for the past week averaged 50 degrees across the State which was 1 degree ABOVE NORMAL but 6 degrees cooler than the previous week. High temperatures averaged from 67 in the West to 66 in the East. Departure from normal high temperatures ranged from +4 degrees from normal in the West to +7 degrees from normal in the East. Low temperatures averaged from 35 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from -5 degrees from normal in the West to -4 degrees from normal in the East. Extreme high temperatures were in the low to mid 70's and extreme low temperatures were in the mid to upper 20's.

Precipitation for the period totaled 0.00 inches statewide which was 0.92 inches BELOW NORMAL and the second week in a row with very dry conditions. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.99, 0.96, 0.82 and 0.88 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 0.02 inches at Covington.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, NOVEMBER 11, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average	
	(Inches)			(Degrees Fahrenheit)							
Bardstown	0.00	27.33	1.44	-0.62	-1.21	73	31	49.5	+0	95	47
Berea	0.00	23.98	1.43	-5.65	-1.51	70	29	49.2	+1	93	47
Bowling Green	0.00	27.05	0.88	-2.99	-2.40	72	26	48.6	-1	--	--
Bristol	0.00	27.04	0.29	+1.88	-2.21	70	26	47.3	-0	--	--
Buckhorn Lake	0.00	27.84	0.87	-0.47	-2.01	72	26	49.0	+1	--	--
Cape Girardeau	0.02	27.68	1.04	-0.46	-2.06	77	28	49.9	-2	--	--
Campbellsville	0.00	26.57	1.41	-6.72	-1.79	73	30	51.9	+3	93	45
Covington	0.02	34.21	3.70	+7.74	+0.86	72	32	47.5	-0	--	--
Cumberland Gap	0.00	22.87	0.52	-7.84	-2.87	75	26	50.4	+3	95	43
Dix Dam	0.00	25.46	1.37	-3.64	-1.54	71	30	51.9	+4	--	--
Evansville	0.00	29.01	3.03	+2.39	+0.09	74	32	49.4	-2	--	--
Glasgow	0.00	27.35	1.63	-4.77	-1.69	74	29	51.2	+2	95	44
Grayson	0.00	25.19	0.70	-2.05	-2.10	71	30	50.6	+3	94	47
Hardinsburg	0.00	27.76	1.94	-1.98	-1.25	73	32	53.4	+4	95	49
Henderson	0.01	28.87	3.34	+1.27	+0.32	75	32	51.2	-0	95	49
Huntington	0.00	24.08	0.56	-3.35	-2.30	71	28	48.1	+0	--	--
Jackson	0.00	21.75	0.87	-7.76	-2.15	71	34	50.8	+3	--	--
Lexington	0.00	24.63	1.24	-3.32	-1.41	71	29	47.9	+0	--	--
London	0.00	25.41	0.75	-2.12	-2.18	69	27	47.8	+0	--	--
Louisville	0.00	25.56	1.78	-2.03	-1.06	73	33	49.8	+0	--	--
Mayfield	0.00	30.55	0.85	-0.58	-2.93	72	31	50.4	-1	94	47
Nashville	0.00	25.89	0.75	-1.90	-2.20	73	30	52.2	+3	--	--
Nolin Lake	0.00	29.97	1.11	-1.80	-2.28	72	30	51.8	+2	--	--
Paducah	0.00	30.04	1.02	+0.24	-2.21	74	31	51.5	-0	93	50
Princeton	0.00	30.05	0.95	+0.06	-2.42	75	28	52.6	+1	99	59
Quicksand	0.00	28.68	0.99	-0.83	-2.03	71	26	48.6	+1	97	48
Somerset	0.00	25.85	1.15	-5.43	-2.18	71	26	47.6	-0	89	45
Spindletop	0.00	25.64	1.34	-2.31	-1.31	69	30	47.8	+0	88	49
Williamstown	0.00	30.95	3.71	+2.88	+0.77	72	33	51.9	+4	93	46

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>

## WIND CHILL CHART

Wind Speed MPH	Air Temperature (Degrees Fahrenheit)																
	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

### WIND CHILL (Equivalent Temperature)

During the winter months many decisions are made which depend upon the temperatures and the extremes which might be expected. Not only do we dress according to the thermometer, but we use it to anticipate the feed requirements and care of livestock. If we have to be out-of-doors, as is the case with children who have to stand waiting for a school bus, we soon find that the temperature alone gives too little information. Should the temperature be zero with a light wind, we would not be as cold as with a strong wind. Thus if we have an idea of how much wind increases the chilling effect of temperature on the human body, we can get a better estimate of how "cold" it really is. If you have any questions regarding the graph please contact Tom Priddy at (859) 257-3000.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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